Aylesbury UTC

Numeracy Policy

October 2023

Responsible Officer:	Principal
Date:	October 2023
Review date:	August 2024
Available at:	Website 'About Us'/ Parent Portal
Authorised by:	Governing Board TBC

1. INTRODUCTION

Numeracy is a life skill. It is a skill or proficiency that is developed not just in mathematics but across the whole curriculum. Strengthening numeracy will benefit all students as they will develop confidence and a proficiency with numerical skills as well as a wider application of mathematical skills.

At Aylesbury UTC our intention is to develop a functional and purposeful use of mathematics that can be applied in a range of situations and circumstances and particularly in the real world. Therefore, students will build knowledge and understanding of mathematical concepts in order to build confidence in their application.

The development of Numeracy Skills is the responsibility of all staff particularly with encouraging students to describe and explain their strategies and reasoning. In addition, at Aylesbury UTC Form Tutors are also responsible for the delivery of Form Time Numeracy and encouraging students numerical self-confidence by explaining how, when answering the relevant numeracy task.

2. AIMS

This policy aims to:

- To develop and improve standards in numeracy across the UTC for all students.
- To establish and maintain consistency with numerical skills across all relevant subjects.
- To assist with the transer of skills in subjects that have a numerical content and develop students who can use their numeracy skills flexibly and efficiently.

3. OUTCOMES

Students will become fluent in the foundations of mathematics. They will develop conceptual understanding and the ability to recall mathematical facts quickly and accurately. Students will solve problems by applying their mathematical skills to a variety of relevant problems.

Short Term Objectives

- To promote opportunities for numeracy throughout the curriculum.
- To develop cross-curricular use of numeracy by building opportunities for numeracy into all curriculum content.

Long Term Objectives

- To raise standards of numeracy by enhancing the quality of teaching and learning.

- Develop Schemes of Work across all subjects to ensure numeracy is embedded into all subjects.

4. ROLES AND RESPONSIBILITIES

- **SLT** – lead and give a high priority to Numeracy.
- **SLT Lead – Numeracy -** It is the role of the relevant SLT member of staff with responsibility for Numeracy to:
  - Work with SLT to determine an effective strategy to improve students numerical skills.
  - Evaluate the effectiveness of the numeracy strategy through Teaching and Learning, pastoral learning walks and work scrutiny.
  - Work with departments and individual staff.
  - Raise the profile of numeracy across the UTC.
  - Develop and co-ordinate tutor group numeracy activities producing engaging and creative rewsources.
- **Head of Maths** – lead and monitor the impact of numeracy in all subjects and as part of the pastoral programme.
- **Maths Department** – provide students with knowledge, skills and understanding they need to problem solve and comprehend mathematical concepts.
- **Teachers** – contribute to the development of numeracy as part of the pastoral programme and in their subject areas. Teachers will therefore be aware of how they can effectively deliver numeracy in pastoral tutor time and the relevance of numeracy in subjects.
- **Form Tutors** will inform the Mathematics Department of individual students who are struggling with set tasks from the weekly numeracy programme. Support will then be undertaken at departmental level from the mathematics team. Form Tutors and Teachers will also be given a Numeracy Support Guide to help them deliver numeracy content in form time and supporting the students numeracy booklets.
- **Parents/Carers** – encourage their children to use and apply a range of numerical skills in real life contexts.
- **Students** – take ownership for recognising their own numerical needs and make the necessary improvements.

5. MONITORING AND EVALUATION

- The Numeracy Policy will be monitored and reviewed through
  - UTC Quality Assurance cycle – Looking at learning, looking at student work and looking at student voice

- Sampling of students work in subject areas.
- Discussion with Teaching Staff and Form Tutors.
- Discussion with students.